Volume 29 Author and Subject Index

0-1 linear programming, 3-25 3PNO, 26-44 deviance from true-score equivalence, 106-125 DIFAS, 150-151 adaptive testing, 159-183 differential item functioning (DIF), alpha, 65-81, 106-125, e-ee 150-151, 278-295 Armstrong, Ronald D., 239-261 dimensionality assessments, 3-25, assessments, 3-25, 184-203, 457 457-458, 470 Attali, Y., 357-368 Dodd, B.G., 433-456 attitude measurement, 159-183 Douglas, J., 262-277 automatic item generation, Drasgow, F., 184-203 369-400 average between-test overlap, EM algorithm, 323-339 204-217 equating, 340-356 equating criteria, 418-419, 427 equipercentile equating, 424 Bayes factor, 369-400 estimation methods, 26-44 Bayesian estimation, 433-435, 443, 447 Belov, D.I., 239-261 factor analysis, 65-81 Bergeron, J.M., 218-233 faking, 184-203 Bolt, D.M., 340-356 family response function, 369-400 book reviews, 401-403, 404-406 family score function, 369-400 Finch, H., 278-295, 457-471 Fitzpatrick, S.J., 433-456 Chen, S.-Y., 204-217 forced choice, 184-203 Chernyshenko, O.S., 184-203 Fu, J., 340-356 classical reliability, 106-125 Cliff, N., 401-403 coefficient alpha, 65-81, 106-125 generalized graded unfolding model, coefficient omega, 65-81, 106-125 457-458 cognitive diagnosis, 262-277 generalized partial credit model (GPCM), cognitive diagnostic index, 262-277 218-233 compound symmetry, 106-125 GGUM2000, 457, 463-464, 470 computer-assisted teaching, Ginkel, J.R., van, 152-153 159-183 Glas, C.A.W., 26-44 computerized adaptive testing (CAT), Gorin, J.S., 433-456 3-25, 204-217, 433, 444-446 guessing, 26-44 congeneric reliability, 106-125

Applied Psychological Measurement, Vol. 29 No. 6, November 2005, 475–477 © 2005 Sage Publications

Habing, B., 457-471

Hanson, B.A., 323-339

congeneric test theory, 65-81

correlated item error, 106-125

constraints, 3-25

Hendrawan, I., 26–44 Henson, R., 262–277 heterogeneity, 65–81 Hol, A.M., 159–183 Holland, P.W., 404–406 homogeneity, 65–81

I internal consistency, 65–81, 106–125 ipsative, 184–203 item bundle, 126–149 item disclosure, 26–44 item exposure, 3–25, 204–217 item pools, 239–261 item response theory (IRT), 3–25, 26–44, 45–64, 87–105, 159–183, 184–203, 218–233, 239–261, 278–295,323–339, 340–356, 424, 429–430, 434, 457 item score function, 369–400

J Johnson curves, 45–64 Johnson, M.S., 369–400

K Kang, S.-M., 87–105 Keats, J.A., 401–403 Kolen, M.J., 418–432 Kullback-Leibler information, 262–277

Latent trait, 45–64

Lei, P.-W., 204–217

Li, D., 404–406

Li, Y., 340–356

Li, Y., 3–25

likelihood ratio tests (LRT), 278–295

Likert scales, 159–183

linear test assembly, 239–261

linking, 340–356

local independence, 340–356

local item dependence, 296–318, 457

Lucke, J.F., 65–81, 106–125

M Mantel-Haenszel statistic, 278–295 marginal maximum likelihood estimation, 126–149 Markov chain Monte Carlo, 369-400 mathematics assessments, 3-25 maximum likelihood estimation (MLE), 433-434, 437-438, 442, 445-446, 448-452 Meijer, R.R., 26-44 Mellenbergh, G.J., 159-183 moderated multiple regression, 87-105 multidimensional item response theory (MIRT), 3-25, 126-149, 184-203, 296-318 multidimensional random coefficients multinomial logit model (MRCMLM), 126-149 MULTILOG, 45-64 multiple choice tests, 357-368 multiple indicators, multiple causes model (MIMIC), 278-295

N NOHARM, 3–25 nonnormality, 45–64

O omega, 65–81, 106–125 Oord, E.J.C.G., van den, 45–64

P paired comparison, 184–203 pairwise preference, 184–203 parameter estimation, 323–339 parameter recovery, 126–149 partial credit model, b–bb *Penfield, R.D.*, 150–151, 218–233 person-fit statistics, 26–44 personality assessments, 184–203 polytomous items, 218–233

Q Q₃, 467–458, 461, 464

R Rasch model, 296–318 rater effect, 296–318 reading assessments, 3–25 reliability, 65–81, 106–125, 357–368 response time modeling, 323–339 *Roberts, J.S.*, 457–471

S

Schafer, W.D., 3–25 Shieh, Y.Y., 433–456 SIBTEST, 278–295 Sinharay, S., 369–400 software reviews, 150–151, 152–153 speededness, 357–368 SPSS subroutines, 152–153 spurious interaction, 87–105 Stark, S., 184–203 statistical validity, 159–183 stochastic search, 239–261

T

test administration, 159–183 test construction, 262–277 test overlap rate, 204–217 test security, 204–217 testlets, 296–318, 340–356 Thayer, D.T., 404–406 Tong, Y., 418–432 total item error covariance, 106–125 true-score equivalence, 65–81,106–125 Type I error, 87–105

U

unfolding model, 457-458, 463

V

van der Ark, L.A., 157–153 von Davier, A.A., 404–406 von Eye, A., 401–403 Vorst, H.C.M., 159–183

W

Waller, N.G., 87–105
Wang, T., 323–339
Wang, W.-C., 126–149, 296–318
Warm's weighted likelihood, 433-435, 439, 442, 445–446, 448–459
weighted maximum likelihood (WML), 218–233
Wilson, M., 126–149, 296–318

X

Xing, D., 27

Z

zero-one linear programming, 3-25